June 17, 1930. J. H. COHEN 1,763,953

SWITCH FOR CABLE CARRYING DRUMS

Filed April 3, 1928

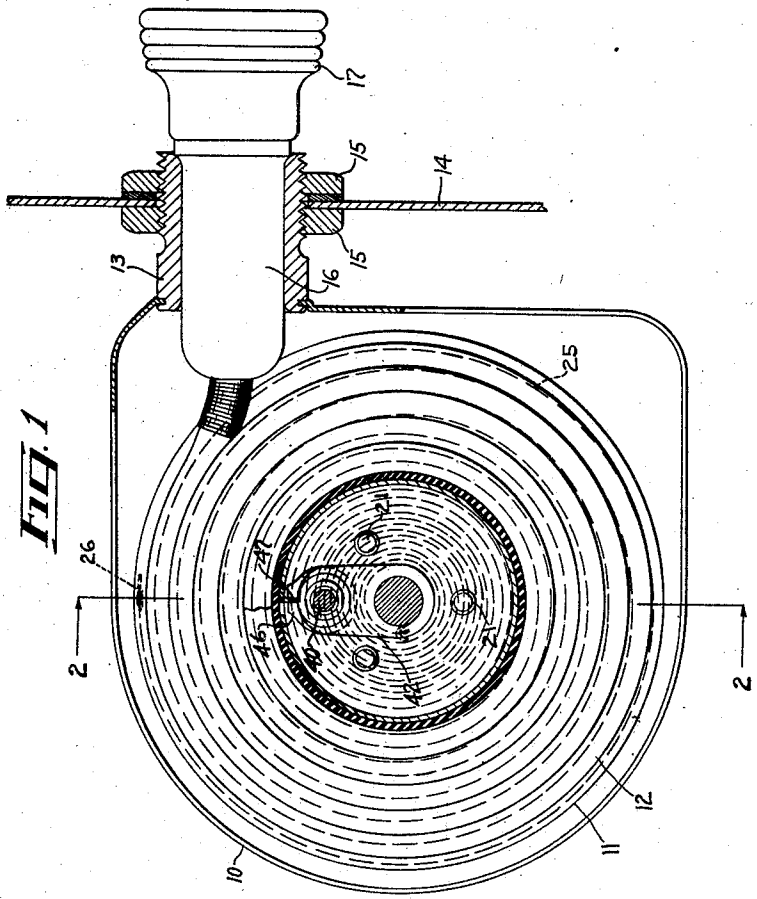


Fig. 1

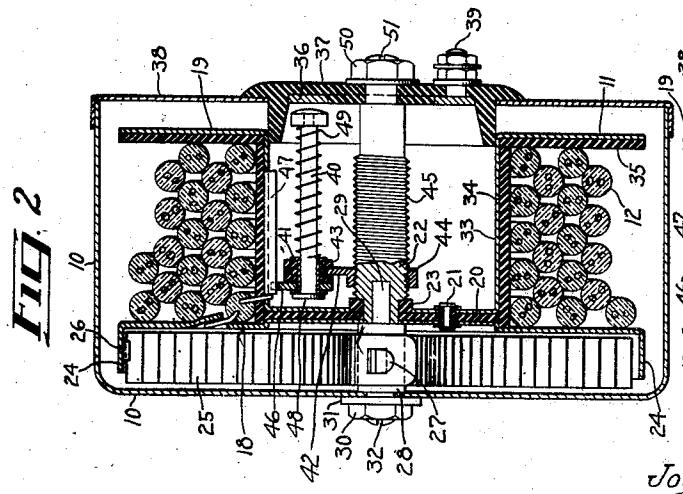


Fig. 2

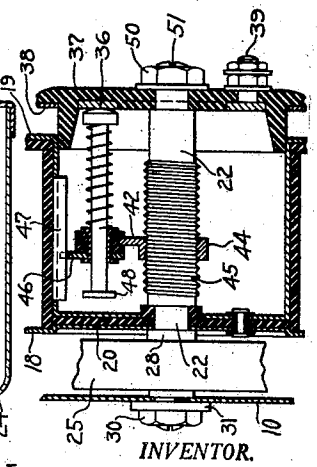


Fig. 3

INVENTOR.
Joseph H. Cohen
BY
ATTORNEY.

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1,763,953

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1,763,953

UNITED STATES PATENT OFFICE

JOSEPH H. COHEN, OF BRIDGEPORT, CONNECTICUT

SWITCH FOR CABLE-CARRYING DRUMS

Application filed April 3, 1928. Serial No. 267,115.

This invention relates to take-up devices for cable-carrying drums, and more particularly to certain improvements thereon enabling a larger quantity of cable to be carried by the drum without materially increasing the size of the device, providing a more positive automatic switch mechanism and simplifying the construction.

In the accompanying drawings which show one embodiment of this invention—

Figure 1 is a side view of the device partly in section, the cover plate being removed to show underlying parts.

Fig. 2 is a transverse sectional view taken on the line 2—2 Fig. 1.

Fig. 3 is a similar view of a portion of the device showing the positions of parts of the automatic switch mechanism after the drum has been rotated to unwind a portion of the cable therefrom.

As shown in the accompanying drawings, the device of the present invention comprises a casing 10 for a drum 11 on which is wound a cable 12 which passes out of the casing through a sleeve 13 secured in the casing. The casing may be mounted on

In order to permit adjustment of the tension of the rewinding spring 25 without altering the position of the shaft 22 and from the exterior of the casing, the shafts 22 and 28 are structurally separate, although they are axially aligned, and are held in such alignment by a pin 29 on the shaft 28 entering a hole in the shaft 22. The shaft 28 has a shoulder adapted to firmly draw against the inside surface of the casing 10 by a nut 30 engaging the threaded end of the shaft, a friction washer 31 being interposed between the nut 30 and the outside surface of the casing.

When it is desired to adjust the tension of a spring 25, the nut 30 is backed off the threaded end of the shaft and then the shaft is turned in the desired direction by a screw-driver, or other tool, being inserted in a kerf 32 provided in the end of the shaft 28. After the shaft is properly adjusted, the nut 30 is again tightened to lock the shaft against all movement.

In order that as much as possible of the interior of the casing may be occupied by the drum so that a cable of greatest possible

Oct. 21, 1930. C. T. JAMES 1,778,857

REMOTE CONTROLLED DRAWER

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Fig. 1

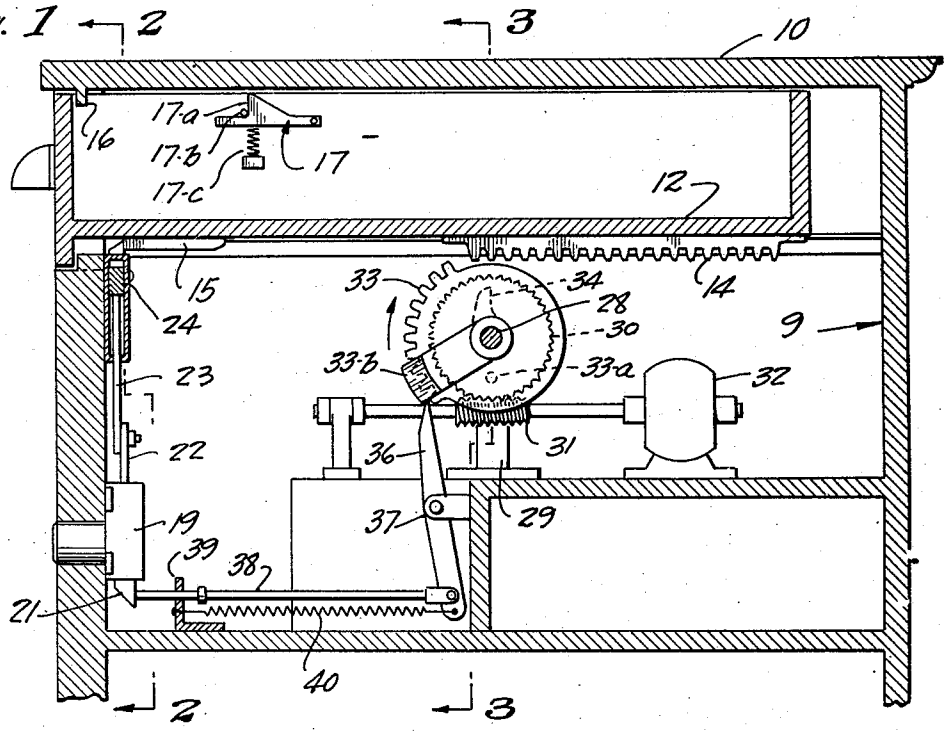
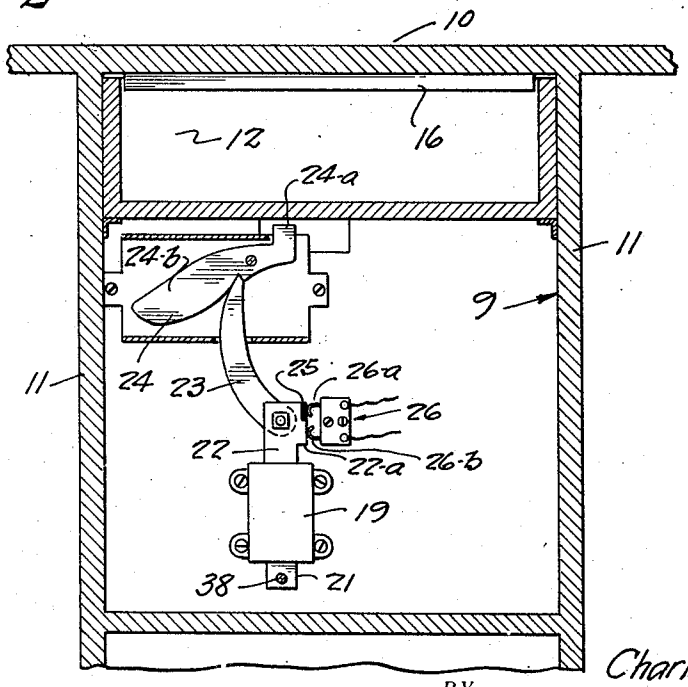


Fig. 2



INVENTOR
Charles T. James
BY
Westall and Wallace
ATTORNEYS